



LEGEND

INUNDATION MATRIX

		HURRICANE FORWARD SPEED (MPH)		
		0-20	21-40	41+
HURRICANE CATEGORY	1			
	2			
	3			
HURRICANE CATEGORY	4			
	5			

HURRICANE INUNDATION AREAS

	Inundation Area A
	Inundation Area B
	Inundation Area C
	Inundation Area D

See note 1

- NOTES:
1. Inundation areas were derived from the National Hurricane Center's application of the SLOSH (Sea, Lake and Overland Surges from Hurricanes) model. Inundation areas reflect "Worst Case" combinations of hurricane direction, forward speed, landfall point, and high astronomical tide.
 2. Hurricane categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity.
 3. Shaded land areas represent areas with coastal flooding potential from hurricanes of the category and forward speeds referenced by the inundation matrix shown above. Shaded areas that may only be subjected to freshwater flooding are not shaded.
 4. "Worst Case" hurricane surge elevations delineated for each inundation area are given in the surge tide profiles provided on Plate B.
 5. The New Bedford Hurricane Barrier is designed to provide complete flood protection during the worst surge of storm waves that can be expected in New England's meteorological climate. The SLOSH model indicates, however, that category 3 and 4 hurricanes, which landfall on critical storm tracks coincident with high astronomical tide, may exceed the Barrier's maximum top elevation. Inundation Area D delineates the potential climate storm surge behind the Barrier should a storm of this nature be forecast. More information about this topic is provided in the Study's Technical Data Report.

LOCATION MAP

EASTERN MASSACHUSETTS



COMMONWEALTH OF MASSACHUSETTS HURRICANE EVACUATION STUDY INUNDATION MAP

CITY OF
COUNTY OF
**NEW BEDFORD
BRISTOL**

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